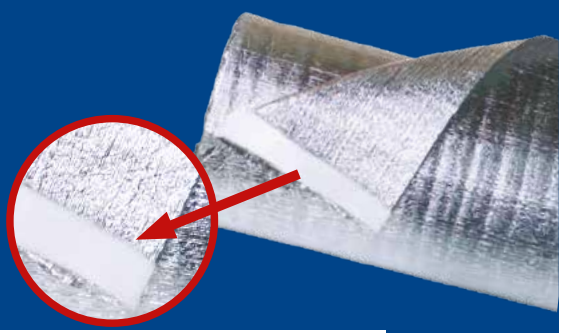
10M PLUS

TECHNICAL DATA SHEET

REFLECTIVE THERMAL INSULATION
PRODEX

REFLECTIVE REINFORCED FOIL + CLOSED CELL POLYETHYLENE FOAM + REFLECTIVE REINFORCED FOIL

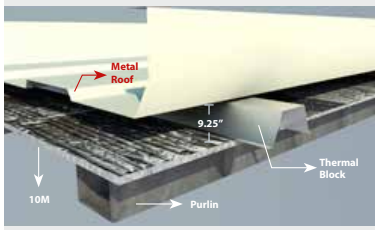
Reflective thermal insulation that adds R value, prevents heat, moisture and air transfer.



➜ With a 2" grade of 0.19" thick space in the edge of the insulation roll to facilitate and improve the overlap between each piece

PRODXEX TOTAL 10M (REINFORCED REFLECTIVE FACER + POLYETHYLENE FOAM + REINFORCED REFLECTIVE FACER)		
DIMENSIONS AND TOLERANCES OF THE STANDARD PRODUCT		
THICKNESS: 0.4 ± 0.027 (in)	LENGTH: 85.3 +- 1 (ft)	WIDTH: 4 ± 0.032 (ft)
TECHNICAL CHARACTERISTICS OF THE PRODUCT		
CHARACTERISTICS	VALUE	STANDARD
FOAM CELL STRUCTURE	CLOSED	-
EFECTIVE WIDTH	4 ft	-
AVERAGE WEIGHT	0.0632 lb/ft^2	-
THERMAL CONDUCTIVITY	0.0186 Btu/ft.h.^{o}f	ASTM C 518
WATER VAPOR PERMEANCE	0.011 perms (impermeable)	ASTM E 96-05
FLAME INDEX	0	ASTM E-84-10
CRITICAL RADIANT FLUX	0.50 W/cm^2	ASTM E 970-10
SMOKE DEVELOPMENT	5	ASTM E-84-10
EMITANCE	0.04	ASTM C-1371-04
FUNGI RESISTANCE	NO GROWTH	ASTM C 1338
ADHESIVE PERFORMANCE	NO BLEEDING / NO DELAMINATION	ASTM C-1224
TEMPERATURE AND HUMIDITY RESISTANCE	NO CORROSION/NO DELAMINATION/NO LOSS OF METALIZATION	ASTM C-1258-08
PLIABILITY	NO CRACKING/ NO DELAMINATION	ASTM C-1224
TEMPERATURE RANGE	-4 ^{o}f / 180 ^{o}f	ASTM C-1224
TENSILE STRENGTH AT BREAK (MD)	23.8 LbF/inch	ASTM D-638
R VALUE (Heat Flow Down)	***22** (ft2.hr.°F/Btu)	ASTM C-236

*** Installation method Purling OC 60 in**



➜ Tested in bays ranging between 8 to 13 ft. No issue spanning large bays.
➜ Do not install at soffits when the insulation can be permanently exposed to UV radiation .

PRODEX, A MANAGEMENT SYSTEM CERTIFIED COMPANY

Certification number for:
Costa Rica: RE-005/03/2004, SGA-003/01/2009 y CRISJO00064-1-10
Panama: RE-005/03/2004

PRODEX
LEADERS IN THERMAL INSULATION FOR CONSTRUCTION

INSULATION 4LESS.COM
Saving You Money With A Green Solution